

# **ANNUAL REPORT**

OF

Name: CAMBRIDGE MUNICIPAL WATER UTILITY

Principal Office: 200 SPRING STREET

P.O. BOX 99

CAMBRIDGE, WI 53523

For the Year Ended: DECEMBER 31, 2002

# WATER, ELECTRIC, OR JOINT UTILITY TO PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854 Madison, WI 53707-7854 (608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

# **SIGNATURE PAGE**

l	APRIL LITTLE		of
	(Person responsible for acco	unts)	
	Cambridge Municipal Water Utility	, (	certify that I
	(Utility Name)		
knowledge, information	ible for accounts; that I have examined and belief, it is a correct statement of the report in respect to each and every respect to each every respe	ne business and affairs of sa	•
		03/24/2003	
(Signature of p	person responsible for accounts)	(Date)	
ADMINISTRATOR/CLE	RK/TREASURER	_	
	(Title)		

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### **IDENTIFICATION AND OWNERSHIP**

Exact Utility Name: CAMBRIDGE MUNICIPAL WATER UTILITY

**Utility Address: 200 SPRING STREET** 

P.O. BOX 99

CAMBRIDGE, WI 53523

When was utility organized? 1/1/1902

Report any change in name:

Effective Date: Utility Web Site:

### Utility employee in charge of correspondence concerning this report:

Name: APRIL LITTLE

Title: ADMINISTRATOR/CLERK/TREASURER

Office Address:

200 SPRING STREET

P.O. BOX 99

CAMBRIDGE, WI 53523

**Telephone:** (608) 423 - 3712 **Fax Number:** (608) 423 - 3916

E-mail Address:

# Individual or firm, if other than utility employee, preparing this report:

Name: JAMES R FRECHETTE
Title: VILLAGE AUDITOR

Office Address: JAMES R FRECHETTE, CPA

W339 S9511 HARVEST COURT MUKWONAGO, WI 53149

Telephone: (262) 594 - 3995 Fax Number: (262) 594 - 3996 E-mail Address: jrfcpa@wi.rr.com

# President, chairman, or head of utility commission/board or committee:

Name: DONN TRIELOFF

Title: UTILITY COMMITTEE CHAIRMAN

Office Address:

200 SPRING STREET

P.O. BOX 99

CAMBRIDGE, WI 53523

**Telephone:** (608) 423 - 3712 **Fax Number:** (608) 423 - 3916

E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

### **IDENTIFICATION AND OWNERSHIP**

# Individual or firm, if other than utility employee, auditing utility records:

Name: JAMES R FRECHETTE
Title: VILLAGE AUDITOR

Office Address: JAMES R FRECHETTE, CPA

W339 S9511 HARVEST COURT MUKWONAGO, WI 53149

**Telephone:** (262) 594 - 3995 EXT **Fax Number:** (262) 594 - 3996

E-mail Address: JRFCPA@WI.RR.COM

Date of most recent audit report: 3/21/2003

Period covered by most recent audit: YEAR ENDED DECEMBER 31, 2002

### Names and titles of utility management including manager or superintendent:

Name: MR KENNETH RAYMOND

Title: DEPARTMENT HEAD-WATER UTILITY

Office Address:

200 SPRING STREET

P.O. BOX 99

CAMBRIDGE, WI 53523

**Telephone:** (608) 423 - 3712 **Fax Number:** (608) 423 - 3916 EXT

E-mail Address:

Name of utility commission/committee: Water and Sewer Utility Committee

### Names of members of utility commission/committee:

CRAIG CARPENTER, UTILITY COMMITTEE SAM FISHER, UTILITY COMMITTEE JEFFREY MILSAP, UTILITY COMMITTEE STEVE STRUSS, UTILITY COMMITTEE DON TRIELOFF, UTILITY COMMITTEE

Is sewer service rendered by the utility? YES

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes?NO

**Date of Ordinance:** 

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?

Provide the following information regarding the provider(s) of contract services:

# **IDENTIFICATION AND OWNERSHIP**

Firm Name:			
Contact Person:			
Title:			
Telephone:			
Fax Number:			
E-mail Address:			
Contract/Agreeme	ent beginning-ending dates:		_

Provide a brief description of the nature of Contract Operations being provided:

# **INCOME STATEMENT**

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	313,387	169,431	1
Operating Expenses:			
Operation and Maintenance Expense (401)	93,134	95,880	2
Depreciation Expense (403)	62,770	40,789	3
Amortization Expense (404)	10,000	0	4
Taxes (408)	59,352	49,972	5
Total Operating Expenses	225,256	186,641	
Net Operating Income	88,131	(17,210)	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income OTHER INCOME	88,131	(17,210)	_
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Nonoperating Rental Income (418)	0	0	8
Interest and Dividend Income (419)	12,578	14,275	9
Miscellaneous Nonoperating Income (421)	0	0	10
Total Other Income	12,578	14,275	_
Total Income	100,709	(2,935)	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	11
Other Income Deductions (426)	0	0	_ 12
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	100,709	(2,935)	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	2,093	933	13
Amortization of Debt Discount and Expense (428)			_ 14
Amortization of Premium on DebtCr. (429)			15
Interest on Debt to Municipality (430)	3,469	14,718	_ 16
Other Interest Expense (431)	25,054	4,062	17
Interest Charged to ConstructionCr. (432)	2,940	12,895	_ 18
Total Interest Charges	27,676	6,818	
Net Income	73,033	(9,753)	
EARNED SURPLUS	0.4.0.4.0.0	222 224	
Unappropriated Earned Surplus (Beginning of Year) (216)	619,468	629,221	19
Balance Transferred from Income (433)	73,033	(9,753)	_ 20
Miscellaneous Credits to Surplus (434)	0	0	21
Miscellaneous Debits to SurplusDebit (435)	30,000	0	_ 22
Appropriations of SurplusDebit (436)	0	0	23
Appropriations of Income to Municipal FundsDebit (439)	0	0	_ 24
Total Unappropriated Earned Surplus End of Year (216)	662,501	619,468	

# **INCOME STATEMENT ACCOUNT DETAILS**

- 1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
- 2. Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.

	(b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	_
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Nonoperating Rental Income (418):		
NONE		3
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
INTEREST ON INVESTMENTS	12,578	4
Total (Acct. 419):	12,578	_
Miscellaneous Nonoperating Income (421):		•
NONE		5
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		•
NONE		6
Total (Acct. 425):	0	_
Other Income Deductions (426):		•
NONE		7
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		•
NONE		8
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
REDUCTION OF PUBLIC FIRE PROTECTION CHARGES FROM ACTUAL TO BILLED	30,000	9
Total (Acct. 435)Debit:	30,000	
Appropriations of Surplus (436):		-
Detail appropriations to (from) account 215		10
Total (Acct. 436)Debit:	0	_
Appropriations of Income to Municipal Funds (439):		-
NONE		11
Total (Acct. 439)Debit:	0	_

# **INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)**

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)		
Revenues (account 415)						0	1
Costs and Expenses of Merchandising,	Jobbing and	Contract Wor	·k (416):				
Cost of merchandise sold						0	2
Payroll						0	3
Materials						0	4
Taxes						0	5
Other (list by major classes):							
,						0	6
Total costs and expenses	0	0	0	(	)	0	
Net income (or loss)	0	0	0	(	)	0	

# REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

- 1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
- 2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	313,387	0	0	0	313,387	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents					0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0 [				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
Other Increases or (Decreases) to Operating Revenues - Specify:					0	6
Revenues subject to Wisconsin Remainder Assessment	313,387	0	0	0	313,387	

# **BALANCE SHEET**

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	3,319,844	2,847,474	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	285,043	199,677	2
Net Utility Plant	3,034,801	2,647,797	•
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	5
Other Investments (124)	0	0	6
Special Funds (125)	99,530	44,477	7
Total Other Property and Investments	99,530	44,477	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	211,851	39,181	8
Temporary Cash Investments (132)	58,036	88,659	9
Notes Receivable (141)	0	0	10
Customer Accounts Receivable (142)	18,132	14,743	11
Other Accounts Receivable (143)	19,123	9,890	12
Accumulated Provision for Uncollectible AccountsCr. (144)	0	0	13
Receivables from Municipality (145)	44,278	165,501	14
Materials and Supplies (150)	12,842	3,290	15
Prepayments (165)	0	0	16
Other Current and Accrued Assets (170)			17
Total Current and Accrued Assets	364,262	321,264	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	0	0	18
Extraordinary Property Losses (182)	60,000	0	19
Other Deferred Debits (183)	0	0	20
Total Deferred Debits	60,000	0	
Total Assets and Other Debits	3,558,593	3,013,538	=

# **BALANCE SHEET**

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	,
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	866,406	866,406	21
Appropriated Earned Surplus (215)			22
Unappropriated Earned Surplus (216)	662,501	619,468	23
Total Proprietary Capital	1,528,907	1,485,874	
LONG-TERM DEBT			
Bonds (221)	825,000	0	24
Advances from Municipality (223)	350,178	283,108	25
Other long-Term Debt (224)	20,803	27,533	26
Total Long-Term Debt	1,195,981	310,641	-
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	500,000	27
Accounts Payable (232)	9,896	14,335	28
Payables to Municipality (233)	6,894	90,487	29
Customer Deposits (235)			_ 30
Taxes Accrued (236)	57,102	47,964	31
Interest Accrued (237)	2,022	17,247	32
Other Current and Accrued Liabilities (238)			33
Total Current and Accrued Liabilities DEFERRED CREDITS	75,914	670,033	
Unamortized Premium on Debt (251)	0	0	34
Customer Advances for Construction (252)			35
Other Deferred Credits (253)	0	0	36
Total Deferred Credits	0	0	=
OPERATING RESERVES			
Miscellaneous Operating Reserves (265)			37
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	757,791	546,990	_ 38
Total Liabilities and Other Credits	3,558,593	3,013,538	=

# **NET UTILITY PLANT**

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Water (b)	Sewer (c)	Gas (d)	Electric (e)
3,318,720	0	0	0
			_
1,124			
3,319,844	0	0	0
ortization:			
285,043	0	0	0
285,043	0	0	0
3,034,801	0	0	0
	3,318,720 1,124 3,319,844 ortization: 285,043 285,043	(b) (c)  3,318,720 0  1,124  3,319,844 0  ortization: 285,043 0 285,043 0	(b) (c) (d)  3,318,720 0 0  1,124  3,319,844 0 0  ortization: 285,043 0 0  285,043 0 0

# **ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 110)**

Depreciation Accruals (Credits) during the year:

- 1. Report the amounts charged in the operating sections to Depreciation Expense (403).
- 2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
- 3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column. If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
- 4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)
		(6)	(u)	(6)	
Balance first of year	199,677				199,677
Credits During Year					
Accruals:					
Charged depreciation expense (403)	62,770				62,770
Depreciation expense on meters					
charged to sewer (see Note 3)	920				920
Accruals charged other					
accounts (specify):					
loss on retirement of water towers	70,000				70,000
Salvage					0
Other credits (specify):					
					0
Total credits	133,690	0	0	0	133,690
Debits during year					
Book cost of plant retired	33,710				33,710
Cost of removal	14,614				14,614
Other debits (specify):					
					0
Total debits	48,324	0	0	0	48,324
Balance End of Year	285,043	0	0	0	285,043
Composite Depreciation Rate?	No				
If yes, what is the rate?					

# **NET NONUTILITY PROPERTY (ACCTS. 121 & 122)**

- 1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
- 2. Other items may be grouped by classes of property.
- 3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	_

# ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	0	_
Deductions:	_	
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	0	
Balance end of year	0	

# **MATERIALS AND SUPPLIES**

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel for generation					0	0	1
Other					0	0	2
Total Electric Utility					0	0	

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility	12,842	3,290	2
Sewer utility		0	3
Gas utility		0	4
Merchandise		0	5
Other materials & supplies		0	6
Total Materials and Supplies	12,842	3,290	=

# UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

	Written	Off During Year		
Debt Issue to Which Related (a)	Amount (b)	Account Charged or Credited (c)	Balance End of Year (d)	
Unamortized debt discount & expense (181)				_
NONE				1
Total			0	
Unamortized premium on debt (251)		=		
NONE				2
Total			0	

# **CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)
Balance first of year Changes during year (explain):	866,406 <b>1</b>
Balance end of year	866,406

# **BONDS (ACCT. 221)**

- 1. Report hereunder information required for each separate issue of bonds.
- 2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
- 3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
2002 MORTGAGE REVENUE BONDS	12/18/2002	12/01/2042	4.63%	825,000	1
	1	Total Bonds (A	ccount 221):	825,000	

# **NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT**

- 1. Report each class of debt included in Accounts 223, 224 and 231.
- 2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
- 3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances (223)					
2002 G.O. REFUNDING BONDS	12/15/2002	12/01/2020	4.85%	275,178	1
2002 G.O. NOTE	12/15/2002	12/01/2012	4.63%	75,000	2
Total for Account 223			,	350,178	
Other Long-Term Debt (224)					
ALLIANT SHARED SAVINGS LOAN	11/28/2000	11/30/2005	3.00%	20,803	3
Total for Account 224				20,803	

# **TAXES ACCRUED (ACCT. 236)**

Particulars (a)	Amount (b)		
Balance first of year	47,964	1	
Accruals:			
Charged water department expense	59,352	2	
Charged electric department expense		3	
Charged sewer department expense	447	4	
Other (explain):			
NONE		5	
Total Accruals and other credits	59,799		
Taxes paid during year:			
County, state and local taxes	47,964	6	
Social Security taxes	2,533	7	
PSC Remainder Assessment	164	8	
Other (explain):			
NONE		9	
Total payments and other debits	50,661		
Balance end of year	57,102		

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# **INTEREST ACCRUED (ACCT. 237)**

- 1. Report below interest accrued on each utility obligation.
- 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	d Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					_
2002 MORTGAGE REVENUE BONDS	0	1,359	0	1,359	1
Subtotal	0	1,359	0	1,359	
Advances from Municipality (223)					
2002 G.O. NOTE	0	0	(145)	145	2
JUNE 1995 STFL	3,384	890	4,274	0	3
DECEMBER 1995 STFL	968	255	1,223	0	4
JANUARY 2001 STFL	8,833	1,806	10,639	0	5
2002 GENERAL OBLIGATION BONDS		518	0	518	6
Subtotal	13,185	3,469	15,991	663	
Other long-Term Debt (224)					
ALLIANT ENERGY LOAN	0	734	734	0	7
Subtotal	0	734	734	0	
Notes Payable (231)					
2001 TEMP G.O. NOTE DATED 10-1-2001	4,062	14,929	18,991	0	8
2002 TEMP G.O. NOTE		10,125	10,125	0	9
Subtotal	4,062	25,054	29,116	0	
Total	17,247	30,616	45,841	2,022	

# **CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)**

		Elect	ric				
Particulars (a)	Water (b)	Distribution (c)	Other (d)	Sewer (e)	Gas (f)	Total (g)	
Balance First of Year	546,990	0	0	0	0	546,990	1
Add credits during year:							
For Services	34,501					34,501	2
For Mains	124,250					124,250	3
Other (specify):							
HYDRANTS	20,800					20,800	4
WATER TOWER	31,250					31,250	5
Deduct charges (specify):							
NONE	0					0	6
Balance End of Year	757,791	0	0	0	0	757,791	:
Amount of federal and state grants in aid received for	94,916					94,916	7
utility construction included in End of Year totals							

# **BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE	_	1
Total (Acct. 123):	0	_
Other Investments (124): NONE		2
Total (Acct. 124):	0	_
Special Funds (125): WATER MAIN PROJECT CONSTRUCTION ACCOUNT	99,530	3
Total (Acct. 125):	99,530	Ĭ
Notes Receivable (141): NONE	<b></b>	<b>-</b> 4
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		-
Water	18,132	5
Electric		6
Sewer (Regulated)		7
Other (specify):		
NONE		_ 8
Total (Acct. 142):	18,132	_
Other Accounts Receivable (143):		
Sewer (Non-regulated)		9
Merchandising, jobbing and contract work		_ 10
Other (specify): DUE FROM STATE FOR WATER MAIN PROJECT	19,123	11
Total (Acct. 143):	19,123 19,123	
	10,120	_
Receivables from Municipality (145): 2002 EXPENSES PAID FOR REGIONAL PLANT FUND	44,278	12
Total (Acct. 145):	44,278	_ '2
Prepayments (165):	,	_
NONE		13
Total (Acct. 165):	0	
Extraordinary Property Losses (182):	<u> </u>	-
LOSS ON RETIREMENT OF TWO WATER TOWERS	60,000	14
Total (Acct. 182):	60,000	- ' '
Other Deferred Debits (183):	·	_
NONE		15
Total (Acct. 183):	0	_
Date Printed: 04/21/2004 4:55:27 PM See attached schedule footnote.	PSCW Annual Report	<u>-</u> : MDF

# **BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES**

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)		
Payables to Municipality (233):			
2002 WAGES AND VOUCHERS UNPAID AT YEAR END TO VILLAGE	6,894	16	
Total (Acct. 233):	6,894	<u> </u>	
Other Deferred Credits (253):			
NONE		17	
Total (Acct. 253):	0	_	

# **RETURN ON RATE BASE COMPUTATION**

- 1. The data used in calculating rate base are averages.
- 2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
- 3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						_
Utility Plant in Service	3,083,097	0	0	0	3,083,097	1
Materials and Supplies	8,066	0	0	0	8,066	2
Other (specify):						_
					0	3
Less Average:						
Reserve for Depreciation	242,360	0	0	0	242,360	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	652,390	0	0	0	652,390	6
Other (specify):						
					0	7
Average Net Rate Base	2,196,413	0	0	0	2,196,413	
Net Operating Income	88,131	0	0	0	88,131	8
Net Operating Income						
as a percent of Average Net Rate Base	4.01%	N/A	N/A	N/A	4.01%	

# **RETURN ON PROPRIETARY CAPITAL COMPUTATION**

- 1. The data used in calculating proprietary capital are averages.
- 2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)		
Average Proprietary Capital			
Capital Paid in by Municipality	866,406		
Appropriated Earned Surplus	0		
Unappropriated Earned Surplus	640,984		
Other (Specify):			
Total Average Proprietary Capital	1,507,390		
Net Income			
Net income			
Net Income	73,033		

### IMPORTANT CHANGES DURING THE YEAR

### Report changes of any of the following types:

- 1. Acquisitions.
- 2. Leaseholder changes.
- 3. Extensions of service.

the utility has completed the water tower project. As part of the project, the State of Wisconsin was to contribute \$125,000 towards the project cost so that water could be extended to their correctional facility outside the village limits. As 75% of the tower was paid for by TID funds, 75% of the contribution also went their. That is why a \$31,250 contribution for the water tower was recorded in a/c 271. The 75% TID share was recorded in a/c 200 last year.

The utility is also in the process of extending a water main to the facility. Costs that were not reimbursed by the facility and paid by the utility are recorded in a/c 143, accounts receivable. The State is paying the cost of the construction contract for the project and will be recorded in 2003 when the main is accepted by the utility.

# 4. Estimated changes in revenues due to rate changes.

The utility put into effect new rates for 2002. General service rates to increase 57% and public fire protection 104%.

## 5. Obligations incurred or assumed, excluding commercial paper.

The utility had \$500,000 in temporary financing at 1-1-02. They incurred an additional \$400,000 duting the year for water main projects (not the state project). In December these two loans were paid off and a Department of Agriculture mortgage revenue bond was borrowed for \$825,000. In addition, the utility refinanced their existing state trust fund loans to the 2002 G.O. Refunding Bonds. This was also done in December. An additional \$75,000 issue was also borrowed to cover a small water main project to be done in 2003.

6. Formal proceedings with the Public Service Commission.

### IMPORTANT CHANGES DURING THE YEAR

### Report changes of any of the following types:

### 7. Any additional matters.

ACCOUNTANTS COMPILATION REPORT

I HAVE COMPILED THE VARIOUS SCHEDULES INCLUDED IN THE 2002 MUNICIPAL UTILITY ANNUAL REPORT OF THE VILLAGE OF CAMBRIDGE WATER UTILITY AS OF DECEMBER 31, 2002 AND FOR THE YEAR THEN ENDED, IN ACCORDANCE WITH STANDARDS ESTABLISHED BY THE AMERICAN INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS.

A COMPILATION IS LIMITED TO PRESENTING IN THE FORM PRESCRIBED BY THE PUBLIC SERVICE COMMISSION OF WISCONSIN INFORMATION THAT IS THE REPRESENTATION OF MANAGEMENT. I HAVE NOT AUDITED OR REVIEWED THE VARIOUS SCHEDULES INCLUDED IN THE 2002 MUNICIPAL UTILITY ANNUAL REPORT AND, ACCORDINGLY, DO NOT EXPRESS AN OPINION OR ANY OTHER FORM OF ASSURANCE ON THEM.

THE SCHEDULES INCLUDED IN THE 2002 MUNICIPAL UTILITY ANNUAL REPORT ARE PRESENTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PUBLIC SERVICE COMMISSION OF WISCONSIN, WHICH DIFFER FROM GENERALLY ACCEPTED ACCOUNTING PRINCIPLES. ACCORDINGLY, THE SCHEDULES INCLUDED IN THE 2002 MUNICIPAL UTILITY ANNUAL REPORT ARE NOT DESIGNED FOR THOSE WHO ARE NOT INFORMED ABOUT SUCH DIFFERENCES.

MARCH 26, 2003

JAMES R FRECHETTE, CPA

### **Income Statement Account Details (Page F-02)**

a/c 435 MISC DEBITS TO SURPLUS

THE VILLAGE BOARD OF CAMBRIDGE APPROVED A RESOLUTION WHICH REDUCED THE PUBLIC FIRE PROTECTION CHARGES TO \$67,000 FOR 2002, \$77,000 FOR 2003, \$87,000 FOR 2004, AND ACTUAL FOR 2005 AND AFTER. THE CALCULATED REVENUE FOR 2002 WAS A BASE CHARGE OF \$95,300 PLUS AVERAGE OF 2 ADDITIONAL HYDRANTS AT \$850 EACH FOR A TOTAL OF \$97,000. THE DIFFERENCE BETWEEN CALCULATED AMOUNT OF \$97,000 AND ACTUAL PAID OF \$67,000 WAS \$30,000.

### **Balance Sheet (Page F-05)**

a/c 131 Cash

Cash balance is higher at 12-31-02 due to the water rate increase for 2002 and the amount of interfunds from the village is lower.

### Accumulated Provision for Depreciation and Amortization of Utility Plant (Acct. 110) (Page F-07)

Cost of Removal includes cost to take down old water tower that was retired and not in service.

### Materials and Supplies (Page F-10)

A/C 150 MATERIAL AND SUPPLIES

THE STATE OF WISCONSIN CONTRACTED FOR A WATER LINE EXTENSION TO THE DEPARTMENT OF CORRECTIONS PROPERTY OUTSIDE THE VILLAGE. AS PART OF THEIR CONTRACT, THEY WERE TO INSTALL A CERTAIN NUMBER OF HYDRANTS. WHEN THE CONTRACT WAS APPROVED AND STARTED, NOT AS MANY HYDRANTS WERE REQUIRED AND THE STATE TURNED OVER THE EXCESS HYDRANTS TO THE WATER UTILITY. A TOTAL VALUE OF \$9,552 OF HYDRANTS ARE INCLUDED IN THE TOAL OF \$12,841.

### Interest Accrued (Acct. 237) (Page F-16)

THE NEGATIVE BALANCE IN 2002 G.O. NOTES IS FOR NOTE DATED 12-15-02. DATE OF CLOSING AS 12-30-02. AS CLOSING WAS 13 DAYS AFTER THE DATE OF NOTE, THE UTILITY RECEIVED ACCRUED INTEREST OF \$145. SO NOTHING WAS PAID BUT STILL HAVE ACCRUED AMOUNT OF \$145 AT YEAR END. THERE IS NO EXPENSE BECUASE ACCRUED INTEREST COVERED EXPENSE PERIOD OF 12-15 THRU END OF YEAR.

In addition, a/c 231 debt was paid off as of 12-31-02.

### Contributions in Aid of Construction (Account 271) (Page F-17)

The increases for 2002 include (1) a contribution from the State of Wisconsin Thompson correctional Facility for the water tower constructed in the previous year. The amount was \$31,250.

The balance of contributions \$170,750 was from developer paid additions for Summer Prairie and \$8,800 for water hydrants contributed from the State for the water main project to the correctional facility.

# Balance Sheet End-of-Year Account Balances (Page F-18)

a/c 182 Extraordinary Property Losses

Per water rate increase docket 920-WR-101, a loss of \$70,000 on retirement of two water towers was calculated. \$10,000 was amortized in 2002 leaving a balance of \$60,000. This will be amortized thru 2008 at \$10,000 per year per PSC guidelines in the water rate increase.

### Identification and Ownership - Contacts (Page iv)

10/29/03 response: Elaine,

The Village of Cambridge forwarded your letter to me for a response. There were 2 items in the letter.

#1. The water loss was 32% in 2002. That is actually down from 55% in 2001. In a discussion with the water operator, the percentage should be much lower in 2003 as a result of replacing water mains and fixing others. I would expect the loss to be under 25% in 2003.

#2. The other local tax rste is for the Oakland Sanitary District which levies an amount each year. This will be noted in future years.

If you have any further questions, please let me know.

James R Frechette Certified Public Accountant October 16, 2003

Ms. April Little, Administrator/Clerk/Treasurer Cambridge Municipal Water Utility P.O. Box 99 Cambridge, WI 53523-0099

2002 Analytical Review DWCCA-0920-ELE

Dear Ms. Little:

The Public Service Commission (Commission) staff has completed its analytical review of your utility's 2002 annual report. The primary purpose of the analytical review is to detect possible reporting or accounting related errors and also to identify significant fluctuations from prior years' data that are not sufficiently explained in the annual report. The analytical review did identify the following issues:

- 1. On Page W-10, the utility is reporting a 32% water loss. What is the year-to-date water loss? If it is still high, what other steps is the utility taking to reduce water loss?
- 2. On Page W-7, an other local tax rate is reported for Jefferson County. Please provide an explanation and follow this procedure in the future.

Responding to the questions posed from the analytical review does not preclude you from possibly receiving other inquiries from our office regarding your annual report in the future: for instance, during a rate case, construction authorization, or other Commission reviews.

We appreciate your cooperation in providing the above information. If you have any questions, please feel free to contact me at (608) 266-3768. Please respond within 30 days of this letter. We prefer that you respond by

e-mail if it is convenient for you to do so. My e-mail address is elaine.engelke@psc.state.wi.us. If we have no questions regarding your response, you can consider the review closed.

Sincerely,

Elaine Engelke Financial Specialist Division of Water, Compliance, and Cons

# **WATER OPERATING REVENUES & EXPENSES**

Particulars (a)	Amounts (b)	
Operating Revenues Sales of Water		
Sales of Water (460-467)	311,909	1
Total Sales of Water	311,909	•
Other Operating Revenues		
Forfeited Discounts (470)	579	2
Other Water Revenues (474)	899	3
Amortization of Construction Grants (475)	0	4
Total Other Operating Revenues	1,478	_
Total Operating Revenues	313,387	
Operation and Maintenenance Expenses		
Plant Operation and Maintenance Expenses (600-660)	59,279	5
General Operating Expenses (680-690)	33,855	6
Total Operation and Maintenenance Expenses	93,134	•
Other Operating Expenses		
Depreciation Expense (403)	62,770	7
Amortization Expense (404)	10,000	8
Taxes (408)	59,352	9
Total Other Operating Expenses	132,122	_
Total Operating Expenses	225,256	•
NET OPERATING INCOME	88,131	=

# **WATER OPERATING REVENUES - SALES OF WATER**

- 1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
- 2. Report estimated gallons for unmetered sales.
- 3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
- 4. Account 460, Unmetered Sales to General Customers Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (either Account 461 or Account 464).
- 5. Other accounts: see application Help files for details.

Particulars (a)	Average No. T Customers (b)	housands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial				2
Industrial				3
Total Unmetered Sales to General Customers (460)	0	0	0	_
Metered Sales to General Customers (461)				
Residential	493	23,565	135,476	4
Commercial	92	6,540	32,674	5
Industrial	5	11,736	33,330	6
Total Metered Sales to General Customers (461)	590	41,841	201,480	•
Private Fire Protection Service (462)	6		2,280	7
Public Fire Protection Service (463)	1		97,000	8
Other Sales to Public Authorities (464)	9	2,513	11,149	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				_ 12
Total Sales of Water	606	44,354	311,909	=

# **SALES FOR RESALE (ACCT. 466)**

Doint of Dolivony	Thousands of	Dovenues
		Revenues (d)
	Point of Delivery (b)	Point of Delivery Gallons Sold

NONE

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## **OTHER OPERATING REVENUES (WATER)**

- 1. Report revenues relating to each account and fully describe each item using other than the account title.
- 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
- 3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1 or Fd-1)	97,000	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify): NONE		4
Total Public Fire Protection Service (463)	97,000	_
Forfeited Discounts (470):		•
Customer late payment charges	579	5
Other (specify): NONE		6
Total Forfeited Discounts (470)	579	-
Other Water Revenues (474):		-
Return on net investment in meters charged to sewer department	859	7
Other (specify): RECONNECTION CHARGES	40	- 8
Total Other Water Revenues (474)	899	-
Amortization of Construction Grants (475):		-
NONE		9
Total Amortization of Construction Grants (475)	0	_
		_

### **WATER OPERATION & MAINTENANCE EXPENSES**

Each expense account that has an increase or a decrease when compared to the previous year of greater than 30 percent, but not less than \$2,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)
PLANT OPERATION AND MAINTENANCE EXPENSES	
Salaries and Wages (600)	20,149
Purchased Water (610)	-, -
Fuel or Power Purchased for Pumping (620)	9,826
Chemicals (630)	7,351
Supplies and Expenses (640)	7,418
Repairs of Water Plant (650)	13,546
Transportation Expenses (660)	989
Total Plant Operation and Maintenance Expenses	59,279
GENERAL OPERATING EXPENSES	
Administrative and General Salaries (680)	
Administrative and General Galaries (600)	18,160
Office Supplies and Expenses (681)	18,160 5,281
Office Supplies and Expenses (681)	
Office Supplies and Expenses (681) Outside Services Employed (682)	5,281
Office Supplies and Expenses (681) Outside Services Employed (682) Insurance Expense (684)	5,281 3,263
, ,	5,281 3,263 2,910
Office Supplies and Expenses (681) Outside Services Employed (682) Insurance Expense (684) Employees Pensions and Benefits (686) Regulatory Commission Expenses (688)	5,281 3,263 2,910
Office Supplies and Expenses (681) Outside Services Employed (682) Insurance Expense (684) Employees Pensions and Benefits (686) Regulatory Commission Expenses (688) Miscellaneous General Expenses (689)	5,281 3,263 2,910 3,262
Office Supplies and Expenses (681) Outside Services Employed (682) Insurance Expense (684) Employees Pensions and Benefits (686)	5,281 3,263 2,910 3,262

## **TAXES (ACCT. 408 - WATER)**

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
			_
Property Tax Equivalent		57,102	1
Less: Local and School Tax Equivalent on		447	2
Meters Charged to Sewer Department			_
Net property tax equivalent		56,655	
Social Security		2,533	3
PSC Remainder Assessment		164	4
Other (specify):			
NONE			. 5
Total tax expense		59,352	

### PROPERTY TAX EQUIVALENT (WATER)

- 1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
- 2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
- 3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
- 4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
- 5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
- 6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
- 7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)
County name			Dane	Jefferson		1
SUMMARY OF TAX RATES						2
State tax rate	mills		0.206161	0.208224		3
County tax rate	mills		3.040970	5.071908		4
Local tax rate	mills		6.363590	6.427260		
School tax rate	mills		14.433241	14.577639		6
Voc. school tax rate	mills		1.440808	1.455222		7
Other tax rate - Local	mills		0.000000	0.502402		8
Other tax rate - Non-Local	mills		0.000000	0.000000		9
Total tax rate	mills		25.484770	28.242655		10
Less: state credit	mills		1.862496	2.124541		11
Net tax rate	mills		23.622274	26.118114		12
PROPERTY TAX EQUIVALENT CALC	ULATIC	N				 13
Local Tax Rate	mills		6.363590	6.427260		14
Combined School Tax Rate	mills		15.874049	16.032861		15
Other Tax Rate - Local	mills		0.000000	0.502402		16
Total Local & School Tax	mills		22.237639	22.962523		17
Total Tax Rate	mills		25.484770	28.242655		18
Ratio of Local and School Tax to Total	al dec.		0.872585	0.813044		19
Total tax net of state credit	mills		23.622274	26.118114		20
Net Local and School Tax Rate	mills		20.612452	21.235178		21
Utility Plant, Jan. 1	\$	2,847,474	2,604,670	242,804		22
Materials & Supplies	\$	3,290	3,290	0		23
Subtotal	\$	2,850,764	2,607,960	242,804		24
Less: Plant Outside Limits	\$	0	0	0		25
Taxable Assets	\$	2,850,764	2,607,960	242,804		26
Assessment Ratio	dec.		0.970115	0.960506		27
Assessed Value	\$	2,763,236	2,530,021	233,215		28
Net Local & School Rate	mills		20.612452	21.235178		29
Tax Equiv. Computed for Current Yea		57,102	52,150	4,952		30
Tax Equivalent per 1994 PSC Report	\$	27,404				31
Any lower tax equivalent as authorized					<u> </u>	32
by municipality (see note 6)	\$					33
Tax equiv. for current year (see note	6) \$	57,102				34

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### WATER UTILITY PLANT IN SERVICE

- 1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
- 2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
- 3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000 not supported by statistical schedules.
- 4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT	(-)	(-)	
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		_ 
Total Intangible Plant	0	0	_
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	15,033		_ 4
Structures and Improvements (311)	19,793		5
Collecting and Impounding Reservoirs (312)	0		_ 6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	96,066		_ 8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		_ 10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	130,892	0	-
PUMPING PLANT			
Land and Land Rights (320)	0		_ 12
Structures and Improvements (321)	0		13
Boiler Plant Equipment (322)	0		_ 14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		_ 16
Electric Pumping Equipment (325)	34,297		17
Diesel Pumping Equipment (326)	0		_ 18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	2,749		_ 20
Total Pumping Plant	37,046	0	-
WATER TREATMENT PLANT			
Land and Land Rights (330)	6,941		21
Structures and Improvements (331)	105,253		_ 22
Water Treatment Equipment (332)	81,046		23
Total Water Treatment Plant	193,240	0	-
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	312		_ 24
Structures and Improvements (341)	0		25

# **WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
INTANGIBLE PLANT			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
Total Intangible Plant	0	0	0
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)			15,033 4
Structures and Improvements (311)			19,793 5
Collecting and Impounding Reservoirs (312)			0 6
Lake, River and Other Intakes (313)			0 7
Wells and Springs (314)			96,066 8
Infiltration Galleries and Tunnels (315)			0 9
Supply Mains (316)			0 10
Other Water Source Plant (317)			0 11
Total Source of Supply Plant	0	0	130,892
PUMPING PLANT Land and Land Rights (320)			0 12
Structures and Improvements (321)			0 13
Boiler Plant Equipment (322)			<u> </u>
Other Power Production Equipment (323)			0 15
Steam Pumping Equipment (324)			<u> </u>
Electric Pumping Equipment (325)			34,297 17
Diesel Pumping Equipment (326)			<u>0</u> 18
Hydraulic Pumping Equipment (327)			0 19
Other Pumping Equipment (328)			2,749 20
Total Pumping Plant	0	0	37,046
WATER TREATMENT PLANT			
Land and Land Rights (330)			6,941 21
Structures and Improvements (331)			105,253 22
Water Treatment Equipment (332)			81,046 23
Total Water Treatment Plant	0	0	193,240
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)			312 24
Structures and Improvements (341)			0 25

### WATER UTILITY PLANT IN SERVICE

- 1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
- 2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
- 3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000 not supported by statistical schedules.
- 4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts	Balance First of Year	Additions During Year	
(a)	(b)	(c)	
TRANSMISSION AND DISTRIBUTION PLANT	705 440		00
Distribution Reservoirs and Standpipes (342)	725,448	557	_ 26
Transmission and Distribution Mains (343)	1,274,721	389,324	27
Fire Mains (344)	0		28
Services (345)	291,051	85,706	29
Meters (346)	44,662	3,368	30
Hydrants (348)	120,253	23,081	31
Other Transmission and Distribution Plant (349)	30		32
Total Transmission and Distribution Plant	2,456,477	502,036	_
GENERAL PLANT			
Land and Land Rights (370)	0		33
Structures and Improvements (371)	0		34
Office Furniture and Equipment (372)	2,668		35
Computer Equipment (372.1)	9,008	2,920	36
Transportation Equipment (373)	11,196		37
Other General Equipment (379)	6,947		38
Other Tangible Property (390)	0		 39
Total General Plant	29,819	2,920	
Total utility plant in service directly assignable	2,847,474	504,956	_
Common Utility Plant Allocated to Water Department	0		40
Total utility plant in service	2,847,474	504,956	_

# **WATER UTILITY PLANT IN SERVICE (cont.)**

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			726,005	26
Transmission and Distribution Mains (343)	28,760		1,635,285	27
Fire Mains (344)			0	28
Services (345)	2,480		374,277	29
Meters (346)	720		47,310	30
Hydrants (348)	1,750		141,584	31
Other Transmission and Distribution Plant (349)			30	32
Total Transmission and Distribution Plant	33,710	0	2,924,803	_
GENERAL PLANT Land and Land Rights (370) Structures and Improvements (371) Office Furniture and Equipment (372)			0 0 2,668	34
Computer Equipment (372.1)			11,928	
Transportation Equipment (373)			11,196	37
Other General Equipment (379)			6,947	-
Other Tangible Property (390)	_	_	0	•••
Total General Plant	0	0	32,739	-
Total utility plant in service directly assignable	33,710	0	3,318,720	-
Common Utility Plant Allocated to Water Department			0	40
Total utility plant in service	33,710	0	3,318,720	=

# SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Expanded definitions of the three types of accounted-for water reported on this schedule are included in the schedule Help and in the Reference Manual Schedule Reference Sheet.

Sources	of	Water	Suppl	v

	50	ources of water Sup	ppiy		
Month (a)	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)	Total Gallons All Methods (000's) (e)	
January			5,030	5,030	- 1
February			4,156	4,156	- 2
March			5,166	5,166	- 3
April			5,637	5,637	_ 4
May			5,856	5,856	- 5
June			6,421	6,421	- 6
July			8,904	8,904	7
August			8,195	8,195	_ 8
September			6,297	6,297	_ 9
October			5,354	5,354	10
November			3,868	3,868	11
December			4,661	4,661	12
Total annual pumpage	e 0	0	69,545	69,545	
Less: Water sold				44,354	13
Volume pumped but no	ot sold			25,191	14
Volume sold as a perce	ent of volume pumped			64%	15
Volume used for water	production, water quality	and system mainten	ance	1,998	_ 16
Volume related to equip	pment/system malfunctio	n		1,200	_ 17
Non-utility volume NOT	included in water sales				_ 18
Total volume not sold b	out accounted for			3,198	_ 19
Volume pumped but un	naccounted for			21,993	_ 20
Percent of water lost				32%	21
System still had major	ate causes and state who water leaks in 2002. Wa ome old main that had nu	ater main projects at e	end of 2001 and in	S:	22
•	er before that. Utility will				
Maximum gallons pump	ped by all methods in any	one day during repo	orting year (000 gal.)	366	23
Date of maximum: 7/	15/2002				24
Cause of maximum:					25
flush new main					_
	ed by all methods in any	one day during repor	ting year (000 gal.)	99	_ 26
	/22/2002				_ 27
Total KWH used for pu	<u> </u>			116,240	_ 28
If water is purchased:V					29
Р	oint of Delivery:				30

## **SOURCES OF WATER SUPPLY - GROUND WATERS**

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	_
WEST MADISON STREET	Well #2	350	10	432,000	Yes	1
SKOGEN ROAD	Well #3	377	18	576,000	Yes	2

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## **SOURCES OF WATER SUPPLY - SURFACE WATERS**

	Intakes					
Location (a)	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)		

NONE 1

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### **PUMPING & POWER EQUIPMENT**

- 1. Use a separate column for each pump.
- 2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
- 3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)
Identification	WELL #3	WELL#2	1
Location	WELL #3	WELL#2	2
Purpose	Р	Р	3
Destination	D	D	4
Pump Manufacturer	US MOTORS	US MOTORS	5
Year Installed	2000	2000	6
Туре	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	400	300	8
Pump Motor or			9
Standby Engine Mfr	US MOTORS	US MOTORS	10
Year Installed	2000	2000	11
Туре	ELECTRIC	ELECTRIC	12
Horsepower	40	40	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)
Identification			14
Location			15
Purpose			16
Destination			17
Pump Manufacturer			18
Year Installed			19
Туре			20
Actual Capacity (gpm)			21
Pump Motor or			22
Standby Engine Mfr			23
Year Installed			24
Туре			25
Horsepower			26

## **RESERVOIRS, STANDPIPES & WATER TREATMENT**

- 1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
- 2. Use a separate column for each using additional copies if necessary.
- 3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	#3			1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET			4 5
Year constructed	2001			6
Primary material (earthen, steel, concrete, other)	STEEL			7
Elevation difference in feet (See Headnote 3.)	119			9 10
Total capacity in gallons (actual)	400,000			11
WATER TREATMENT PLANT Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID			12 13 14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE			15 16 17
Filters, type (gravity, pressure, other, none)	OTHER			18 19
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.4300			20 21 22
Is a corrosion control chemical used (yes, no)?	N			23 24
Is water fluoridated (yes, no)?	Υ			25

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### **WATER MAINS**

- 1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
- 2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
- 3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
- 4. Explain all reported adjustments as a schedule footnote.
- 5. For main additions reported in column (e), as a schedule footnote:
  - a. Explain how the additions were financed.
  - b. If assessed against property owners, explain the basis of the assessments.
  - c. If the assessments are deferred, explain.

			Number of Feet							
		_				Adjustments		_		
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Increase or (Decrease) (g)	End of Year (h)			
M	D	4.000	4,318	0	3,595	0	723	_ 1		
M	D	6.000	7,643	0	0	0	7,643	2		
М	D	8.000	27,420	6,095	0	0	33,515	_ 3		
M	D	10.000	785	0	0	0	785	4		
М	D	12.000	6,610	0	0	0	6,610	 5		
Total Within N	<b>funicipality</b>		46,776	6,095	3,595	0	49,276	_		
Total Utility		=	46,776	6,095	3,595	0	49,276	_		

#### **WATER SERVICES**

- 1. Explain all reported adjustments as a schedule footnote.
- 2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
- 3. For services added during the year in column (d), as a schedule footnote:
  - a. Explain how the additions were financed.

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- b. If assessed against property owners, explain the basis of the assessments.
- c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
- d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
- 4. Report services separately by pipe material and diameter.
- 5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	215	0	0	0	215		1
M	1.000	240	49	27	0	262	23	2
M	1.500	34	5	4	0	35	_	3
M	2.000	9	1	0	0	10		4
M	4.000	3	0	0	0	3		5
Total Utili	ty _	501	55	31	0	525	23	

See attached schedule footnote.

### **METERS**

- 1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
- 2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
- 3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
- 4. Totals by size in Column (f) should equal same size totals in Column (o).
- 5. Explain all reported adjustments as a schedule footnote.

**Number of Utility-Owned Meters** 

Size		Hambon	or othicy owne				
of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	572	36	18	0	590	12	1
1.000	13	1	0	0	14	0	2
1.250	1	0	0	0	1	0	3
1.500	3	0	0	0	3	0	4
2.000	7	0	0	0	7	0	5
3.000	4	0	0	0	4	0	6
4.000	1	0	0	0	1	0	7
Total:	601	37	18	0	620	12	

### Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (I)	Wholesale, Inter- Department or Utility Use (m)		Total (o)	_
0.625	487	76	0	3	0	24	590	_ 1
1.000	0	10	3	1	0	0	14	2
1.250	0	1	0	0	0	0	1	_ 3
1.500	0	3	0	0	0	0	3	4
2.000	0	3	2	1	1	0	7	_ 
3.000	0	0	0	4	0	0	4	6
4.000	0	0	0	1	0	0	1	_ 
Total:	487	93	5	10	1	24	620	_

### **HYDRANTS AND DISTRIBUTION SYSTEM VALVES**

- 1. Distinguish between fire and flushing hydrants by lead size.
  - a. Fire hydrants normally have a lead size of 6 inches or greater.
  - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
- 2. Explain all reported adjustments in the schedule footnotes.
- 3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						•
Outside of Municipality	0				0	1
Within Municipality	100	11	7		104	2
Total Fire Hydrants	100	11	7	0	104	=
Flushing Hydrants						
	0				0	3
<b>Total Flushing Hydrants</b>	0	0	0	0	0	_

NR811.08(5) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year

Number of hydrants operated during year: 98

Number of distribution system valves end of year: 184

Number of distribution valves operated during year: 93

#### WATER OPERATING SECTION FOOTNOTES

#### Water Operating Revenues & Expenses (Page W-01)

a/c 403 DEPRECIATION EXPENSE

DEPRECIATION RATES USED WERE IN AGREEMENT WITH RATES APPROVED WITH THE 2001 WATER RATE INCREASE.

A/C 404 AMORTIZATION EXPENSE

THIS REPRESENTS 2002 PORTION OF EXTRAORDINARY PROPERTY LOSSES ON RETIREMENT OF 2 WATER TOWERS PER PSC REQUIREMENTS.

#### Water Operating Revenues - Sales of Water (Page W-02)

A/C INDUSTRIAL SALES.

INDUSTRIAL SALES MUCH GIGHER IN 2002 DUE TO ONE CUSTOMER WHO USED THEIR OWN WELL FOR PART OF THERE PROCESSING HAD TO REPAIR THE WELL AND USED WATER FROM THE UTILITY INSTEAD FOR A FEW MONTH PERIOD. NOTE HIGHER WATER FLOW DURING A PORTION OF THE YEAR.

#### Other Operating Revenues (Water) (Page W-04)

A/C 463 PUBLIC FIRE PROTECTION.

The amount recorded is less than the amount approved in the rate increase effective for 2002. The village board approved a resolution that would charge \$67,000 in 2002, \$77,000 in 2003, \$87,000 in 2004, and actual from 2005 on. That was due to the over 100% increase in the public fire protection rate from 2001.

#### Water Operation & Maintenance Expenses (Page W-05)

a/c 640 SUPPLIES AND EXPENSES

THE UTILITY INCREASED FROM 2001 BY ABOUT \$3700. THIS WAS DUE MAINLY TO INCREASE IN WATER TESTING AND MISC SUPPLIES.

A/C 650 REPAIRS TO WATER PLANT.

THERE WERE LESS MAIN BREAKS AND REPAIRS AS MORE OF THE SYATEM HAS BEEN REPLACED OVER THE PAST FEW YEARS.

A/C 680 ADMIN SALARIES

THERE WAS A CHANGE OF PERSONNEL IN 2002 AND THE TEMPORARY SALARIES WERE HIGHER THAN THE REGULAR WORKERS. THERE WERE ALSO TIMES IN WHICH THERE WERE MULTIPLE EMPLOYEES.

A/C 681 OFFICE SUPPLIES

THERE WAS ABOUT \$2700 MORE IN 2002 THAN 2001. THAT WAS DUE MAINLY TO MISC SUPPLIES AND CHARGES. NOTHING MAJOR.

#### WATER OPERATING SECTION FOOTNOTES

### Water Mains (Page W-15)

WATER MAIN ADDITIONS IN 2002 INCLUDED TWO ITEMS. ONE WAS 2500 FEET OF 8" NINSTALLED BY DEVELOPER AND PAID FOR BY DEVELOPER OF SUMMER PRAIRIE. THE OTHER WAS UTILITY PAID REPLACEMENT OF 3595 FEET OF 4" MAIN WITH 8" MAIN. THIS WAS FINANCED FROM LOAN PROCEEDS, WHCIH EVENTUALLY WAS \$825,000 MRB'S. NO PART WAS ASSESSED TO PROPERTY OWNERS.

#### Water Services (Page W-16)

ADDITIONS FOR 2002 INCLUDED TWO ITEMS. ONE WAS A DEVELOPER PAID ADDITION FOF SUMMER PRAIRIE. THIS ADDED 23 1" NEW SERVICES WITH NO RETIREMENTS. THE OTHER WAS A UTILITY FINANCED PROJECT IN WHICH THERE WERE 31 SERVICES REPLACED AND 1 NEW SERVICE ADDED. THIS PROJECT WAS PAID FOR FROM LOAN PROCEEDS AND NO PART WAS ASSESSED.